

Technical Data Sheet

Description:

Miraphen® UV-Repair Primer

Art. group:

167

General Information:

UV-Repair Primer for repair coating application on prefinished parquet surfaces without the necessity of sanding.

Qualities:

Miraphen® UV- Repair Primer was developed for so-called "Re-Runs". By means of this latest developed primer it is possible to finish UV-coatings on prefinished parquet without otherwise necessary sanding. Full adhesion is given immediately after repair coating.

The surface that has to be repair-coated should not be older than two weeks. The earlier the repair coating is done, the better the adhesion result of the UV-Repair Primer.

Treatment:

Miraphen® UV-Repair Primer is applied with a flat hard rubber single roller in a very thin layer onto the prefinished parquet surface that hasn't been sanded before. The film thickness should not exceed 2 g/m². If the thickness is more, a correct adhesion may not be guaranteed. The success of the repair coating involves the compliance with the recommended amount of application.

To retain the working viscosity (= delivered viscosity), we recommend the "Special Thinner for Hydro Primer" article no. 010-000-01304. Mixing ratio up to maximum 10 % is possible. The UV-Repair Primer must be used on its own. Mixing with other UV lacquers makes no sense and doesn't lead to any adhesion improvement.

After application, the Repair Primer has to dry, e.g. with IR-lamps and/or jet dryer. Afterwards a so-called UV-activating with minimum

1 UV-lamp, 80 W/cm at 12 m/min belt speed

is necessary.

It is possible to improve the adhesion result by activating by means of more than 1 UV-lamp. The Primer will be still sticky after the UV lamp. This appearance is normal and doesn't mean a lacking curing. **Never add any other or further additives and/or supplementary to the primer.** They act less adhesive!

Afterwards, the repair-primed surface may be lacquered with standard UV-Putty/Sealer and/or UV-Topcoat and cured. Sanding processes are not necessary with this method.

Caution: 

Thoroughly rinse/clean the roller that will be used for the repair primer is absolutely compulsory. We recommend cleaning with acetone Art. No. 010-000-01340).

Modified advice: Detailed laboratory and serial tests confirm the properties of the UV-Repair Primer and the specified method. As there are manifold products and methods on the market, we can not guarantee in general for this repair process. An immediate adhesion control by the user is essential.

As a precautionary measure, we recommend wearing rubber gloves and protective glasses.

Applied quantity: 2 g/m²

Viscosity: Brookfield 20°C: 0,15 – 0,3 Pas

Shelf life: 6 months in an original, unopened canister.

Classification: Please notice our actual Material Safety Data Sheet
Free of heavy metal, formaldehyde and insecticides/pesticides.

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